



**US Army Corps
of Engineers®**

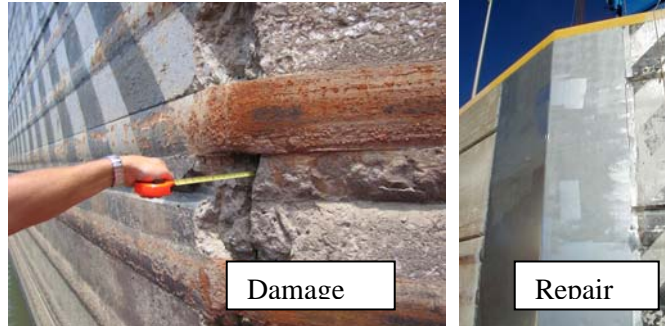
Engineer Research and
Development Center

Monitoring Completed Navigation Projects (MCNP)

John T. Myers Locks and Dam

Problem

Damage to concrete and wall armor at existing navigation lock structures has become a major maintenance problem. Not only is the damage causing deterioration of the existing structures, but damaged sections (such as steel wall armor) are hazards to vessels.



Research Approach

The John T. Myers Locks and Dam wall structures provide an effective forum for demonstration and monitoring of repair techniques. Innovative repair techniques that provide very little disruption to the navigation operations are demonstrated on damaged concrete and armor sections. Also, monitoring of damage progression and the performance of the repaired sections will continue.

Labs/others involved

Louisville District

Final Products

Repair techniques for damaged concrete sections at armor.

Repair techniques for damaged armor sections.

Techniques for application of new armor sections at existing projects.

Point of Contact

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